Computer No. 2205656

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

School Education – Better learning outcome – Use of Generative Artificial Intelligence (AI) Bot for the students studying in Government schools of Andhra Pradesh – Availability of 'Doubt Clearance Bot' for the use of students – Orders – Issued.

SCHOOL EDUCATION (PROG.IV) DEPARTMENT

G.O. Ms.No. 87, dated: 18.10.2023.

Read the following:

1. From the Managing Director and CEO, ConveGenius, Letter, dated 03.10.2023.
2. From the Managing Director and CEO, ConveGenius, Letter, dated 18.10.2023.

** ** **

ORDER:

The Government of Andhra Pradesh is committed to enabling and preparing the students studying in the Government schools to get high-end global jobs in futuristic technologies. To achieve this, it is focusing on transforming education in Government schools to make students to learn the skills to enable and prepare them for the future technologies. Since 2019, Government has been on a continuous endeavour to ensure that the young generation of Andhra Pradesh studying in Govt. schools, become globally employable citizens.

- In Academic Year (AY) 2019-20, English was made as a medium of instruction in all the 45,000 Govt. schools. Today all the 41 lakh students studying in Govt. schools are getting education in English medium.

- In AY 2020-21, Govt. introduced the Bilingual textbooks in the subjects of Science, Social Science and Mathematics subjects.

- In AY 2022-23, to provide the students with national and global platforms for learning and recognition, for providing the best content in Science, Social Science and Mathematics, AV bilingual content from Byjus' is being used by the Government in all the Govt. schools, to further strengthen the learning quality of the students. The Class VIII students and teachers were provided 5,18,740 personal TABS for learning enhancement with the Byjus' App and content preloaded for the purpose of learning.

- In AY 2023-24, under the flagship program of Nadu Nedu, digitization of the school infrastructure is being done through 30,213 Interactive Flat panels (IFPs) in High schools and 10,038 Smart TVs in Primary schools. In the leftover classrooms the IFPs and Smart TVs will be provided by 21st Dec, 2023. Government has also approved the proposal to enter into agreement with ETS (Education Testing Services) for providing the opportunity for improving the speaking of English and enhancing the TOEFL preparation for the examination of students studying in Govt. schools.

- Provided robust High-speed Internet connectivity to Schools, for better utilization of Digital Infrastructure.

2. Now, to take the journey further and in order to provide a comprehensive educational experience to the students, the Government is set to launch a Application/Bot, namely "Doubt Clearance Bot" developed by ConveGenius for off-school hours doubt clearing session. This AI generative bot will cater the needs of the subjects in the areas of query resolution in the subjects- Physics, Chemistry, Biology, Mathematics, English, and TOEFL preparation. This "Doubt Clearance Bot"

Application will be installed on all the tablets (TABs) supplied to the teachers and students and Interactive Flat Panels (IFPs).

3. The primary purpose of this bot is to address students' doubts and queries regarding the subjects- Physics, Chemistry, Biology, Mathematics, English and TOEFL preparation. However, the App/bot will strictly limit its responses to questions within the specified subject areas, for which it is intended. If any question falls outside the subject, the bot will refrain from answering.

4. This "Doubt Clearance Bot" will be provided by a company called *ConveGenius.* The Company proposes to launch Generative AI based personalized answering bots in the following subjects which align to grade and curriculum:

• Physics • Chemistry • Biology • English • Maths • TOEFL Preparation

5. These bots will be trained on the learning outcome frameworks used by the state, and they will be upgraded with content recommendations based on the context of the state. The Swift Series of bots will be upgraded with the following features:

• Query Resolution: The bots will respond to the queries in any of the subjects- • Physics • Chemistry • Biology • English • Maths • TOEFL Preparation.

• Feedback to Learn Better: The bots are designed to capture feedback and train themselves better for a more seamless response.

• Video Recommendations: The bots will not only respond on text but will also provide video responses to the questions asked by the user.

• Adaptive Quizzing: The bots will be enabled with adaptive quizzes post a query to test the knowledge and continue the conversation on the topic into a personalized learning experience.

6. The ConveGenius company, will provide the Doubt Clearance Bot, free of cost till September 2024. This App will be exclusively linked to state-owned devices. It is reiterated that there is no financial and legal commitments, responsibilities & implications on the Govt. of Andhra Pradesh side involved in this proposal, during the period i.e. before September, 2024 and after September, 2024.

7. The Commissioner of School Infrastructure will take the necessary steps for the installation of the above stated APP in the TABs and IFPs.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

PRAVEEN PRAKASH
PRINCIPAL SECRETARY TO GOVT.

To
The Managing Director & CEO, ConveGenius, B 52, B Block, Sector 63, Noida, UP.
The Commissioner of School Infrastructure, O/o SS, Patamata, Vijayawada.
Copy to:
The Commissioner of School Education, Ibrahimpatnam, Vijayawada.
The Commissioner of Intermediate Education, Tadepalli, Guntur Dist.
The State Project Director, Samagra Siksha, Patamata, Vijayawada.
The Director of Adult Education, Ibrahimpatnam, Vijayawada.
The Secretary, APREIS, Pamulapati Sivaiah Complex, Koritepadu, Guntur.
The Director, SCERT, Ibrahimpatnam, Vijayawada.
The Director, AP Open School Society, Guntur.

School EDN Department
DESPATCH
19 OCT 2023
A.P. SECTT VELAGAPUDI

// FORWARDED :: BY ORDER //

SECTION OFFICER